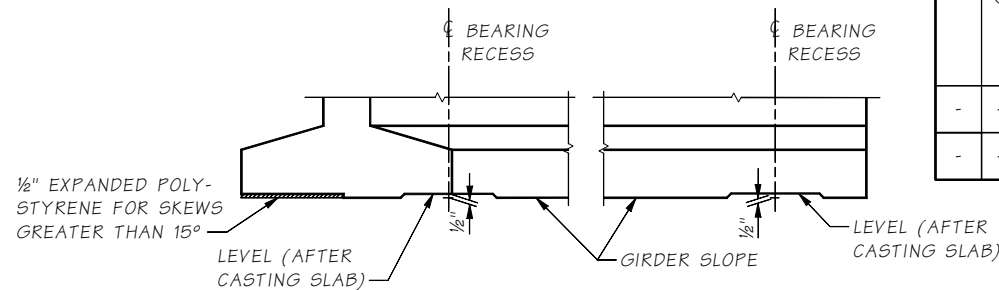
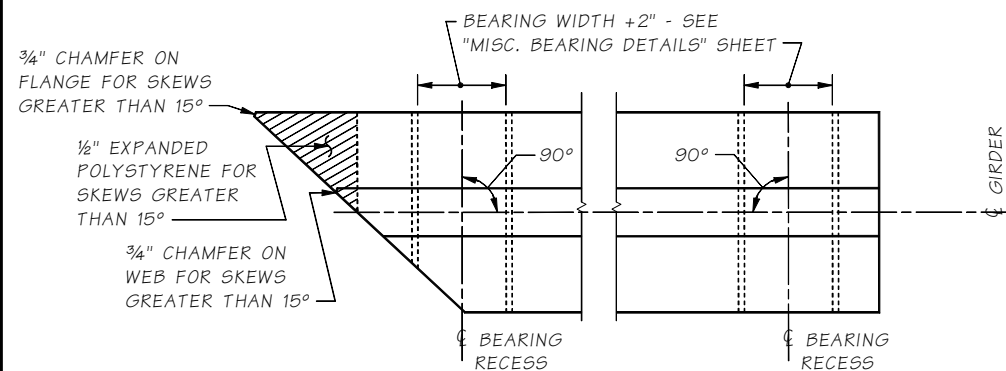


### STRAND PATTERN AT GIRDER END

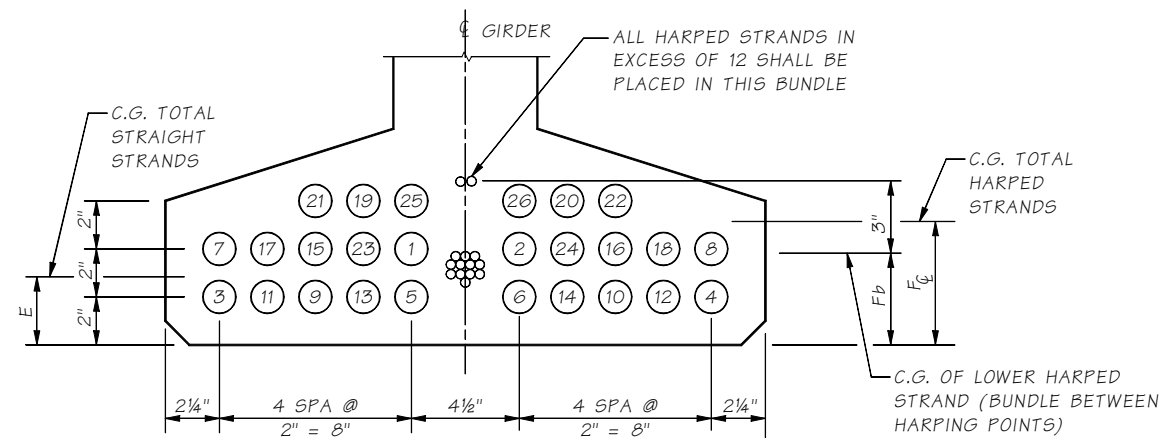
HARPED STRAND LOCATION SEQUENCE  
SHALL BE AS SHOWN (1), (2) ETC.



### ELEVATION

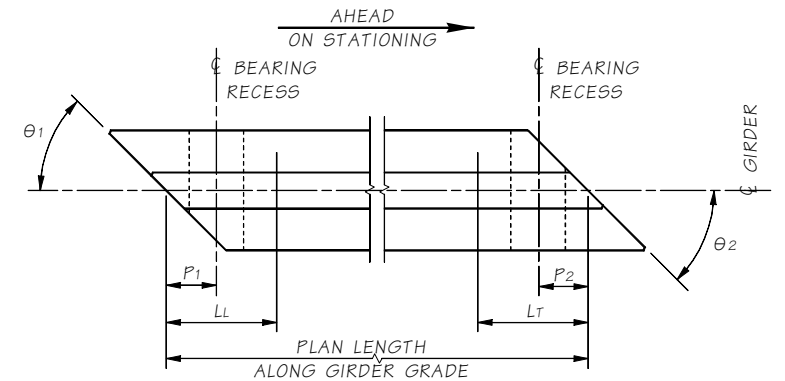


### PLAN BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION



### STRAND PATTERN AT $\phi$ SPAN

STRAIGHT STRAND LOCATION SEQUENCE  
SHALL BE AS SHOWN (1), (2) ETC.



END 1

END 2

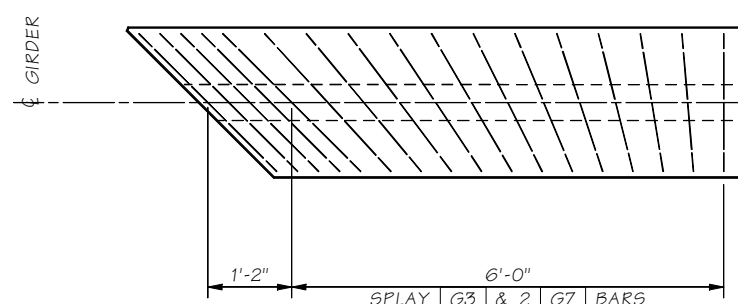
NOTE:  
LL AND Lt ARE SHIPPING SUPPORT  
LOCATIONS AT LEADING AND  
TRAILING ENDS, RESPECTIVELY.

### GIRDER SCHEDULE

DIMENSION "A" AT $\phi$ BEARINGS =												BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)															
SPAN	GIRDER	END 1 TYPE	END 2 TYPE	L	LL	LT	$\theta_1$ (DEG.)	$\theta_2$ (DEG.)	P <sub>1</sub>	P <sub>2</sub>	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		HARPED		STRAIGHT		TEMPORARY		LOCATION OF C.G. STRANDS				C	D @ 40 DAYS	D @ 120 DAYS	L <sub>d</sub>
												@ FINAL F'C (KSI)	@ RELEASE F'CI (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	E	F $\phi$	F <sub>b</sub>	F <sub>o</sub>				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

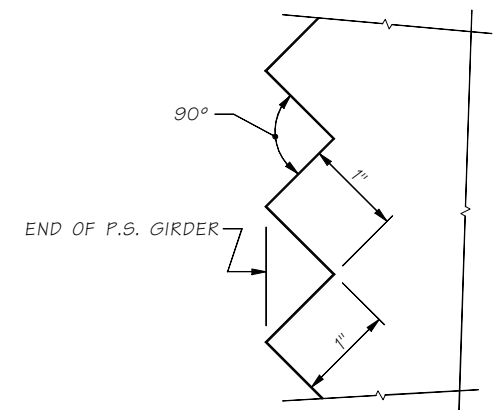
NOTE:  
Dimensions shall be shown in Imperial  
units to the nearest 1/8th inch.

The number of harped strands  
should not exceed 1/2 of the  
number of straight strands.



### TRANSVERSE REINFORCING SKEWED ENDS

ONLY TRANSVERSE REINF. SHOWN



### SAWTOOTH DETAILS

SAWTEETH ARE FULL WIDTH - USE SAWTOOTH KEYS  
FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF  
LOWEST HARPED STRAND AS WELL AS TOP FLANGE  
ADJACENT TO HARPED STRANDS AS SHOWN IN  
VIEW B - GIRDER DETAILS 1 OF 3

Bridge Design Engr.	M:\STANDARDS\Girders\I-Girders\W58G\W58G2.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Apr 29 13:13:14 2008

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

STANDARD  
PRESTRESSED CONCRETE GIRDERS

W58G GIRDER  
DETAILS 2 OF 3

BRIDGE  
SHEET  
NO.  
SHEET  
OF  
SHEETS

SR JOB NO. SHEET

5.6-A5-2